

## GILA RIVER BASIN

09482350 SOUTH FORK AIRPORT WASH NEAR TUCSON, AZ

LOCATION.--Lat 32°06'00", long 110°54'30", SE<sup>1</sup>/<sub>4</sub>NE<sup>1</sup>/<sub>4</sub> sec.28, T.15 S., R.14 E., Pima County, Hydrologic Unit 15050301, at Hughes Access Road, 3.25 mi south of U.S. Highway 80, and 1.5 mi southeast of Tucson city limits.

DRAINAGE AREA.--9.78 mi<sup>2</sup>, of which 5.40 mi<sup>2</sup> is noncontributing and/or distributary flow.

### Annual peak discharges

Water year	Date	Annual peak discharge (ft <sup>3</sup> /s)	Discharge codes	Water year	Date	Annual peak discharge (ft <sup>3</sup> /s)	Discharge codes
1966	07-28-66	225		1974	07-08-74	<sup>1</sup> 1,890	
1967	07-17-67	450		1975	07-00-75	10	LT
1968	08-19-68	180		1976	09-25-76	980	
1969	07-28-69	8.0		1977	01-29-77	69	
1970	07-19-70	216		1978	01-15-78	59	
1971	10-02-70	480		1979	00-00-79	0.0	
1972	08-12-72	180		1980	09-07-80	620	
1973	10-19-72	250					

<sup>1</sup>Highest since 1956.

Magnitude and probability of instantaneous peak flow based on period of record

Discharge, in ft <sup>3</sup> /s, for indicated recurrence interval in years, and exceedance probability, in percent					
2	5	10	25	50	100
50%	20%	10%	4%	2%	1%
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Weighted skew	(logs) =	---			
Mean	(logs) =	---			
Standard dev.	(logs) =	---			

### Basin characteristics

Main channel slope (ft/mi)	Stream length (mi)	Mean basin elevation (ft)	Forested area (percent)	Soil index	Mean annual precipitation (in)	Rainfall intensity, 24-hour	
						2-year (in)	50-year (in)
36.5	3.1	2,740	0.0	1.0	11.0	1.8	3.9

